

Table 2
Draft Outdoor Air Analytical Results
Fruitland Magnesium Fire
Maywood, Los Angeles County, California

Parameters	Home:	Ex. 6 - Personal Privacy							
	Field Sample ID:	MWF-METALS-001 / MWF-HCN-001	MWF-METALS-002 / MWF-HCN-002	MWF-METALS-003 / MWF-HCN-003	MWF-METALS-004 / MWF-HCN-004	MWF-METALS-005	MWF-METALS-006	MWF-METALS-007	MWF-METALS-008
	Sample Date:	6/15/2016	6/15/2016	6/15/2016	6/15/2016	6/15/2016	6/15/2016	6/15/2016	6/15/2016
	Laboratory Job Number:	82527	82527	82527	82527	82549	82549	82549	82549
	Adult / Child / Duplicate:								
Units									
Hydrogen Cyanide / NIOSH-6010	mg/m ³	ND<0.125	ND<0.125	ND<0.125	ND<0.125				
Metals / NIOSH-7303(M)									
Aluminum	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	0.992	1.25	1.69	0.345
Antimony	µg/m ³	ND<0.25	5.43	ND<0.25	ND<0.25	0.412	ND<0.25	ND<0.25	ND<0.25
Arsenic	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Barium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Beryllium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Cadmium	µg/m ³	ND<0.25	4	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Calcium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	5.55	ND<0.25	5.49	8.08	2.69
Chromium	µg/m ³	1.53	ND<0.25	ND<0.25	1.42	ND<0.25	ND<0.25	ND<0.25	0.646
Cobalt	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Copper	µg/m ³	ND<0.25	5	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Iron	µg/m ³	3.14	ND<0.25	ND<0.25	ND<0.25	ND<0.25	0.895	4.10	ND<0.25
Lead	µg/m ³	ND<0.25	6	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Magnesium	µg/m ³	1.16	ND<0.25	ND<0.25	1.36	ND<0.25	2.47	2.11	0.386
Manganese	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Molybdenum	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Nickel	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Potassium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	7.43	0.432	0.887	ND<0.25
Selenium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Sodium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	5.82	7.01	8.44	2.41
Thallium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Vanadium	µg/m ³	0.399	0.405	1.81	0.327	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Zinc	µg/m ³	ND<0.25	6.25	ND<0.25	0.423	6.52	ND<0.25	0.307	ND<0.25

Notes:
Bold results indicate detected compounds.
Highlighted results exceed applicable limits for characteristic hazardous wastes.
ND<X = constituents(s) not detected at or above method detection limit
* = concentration amended based on contamination in blank sample
J = analyte was detected. However, analyte concentration is an estimated value which is between the method detection limit (MDL) and the practical quantitation limit (PQL)
mg/m³ = milligram per cubic meter
µg/m³ = microgram per cubic meter

Table 2
Draft Outdoor Air Analytical Results
Fruitland Magnesium Fire
Maywood, Los Angeles County, California

Parameters	Home:	Ex. 6 - Personal Privacy							
	Field Sample ID:	MWF-METALS-009	MWF-METALS-010	MWF-METALS-022	MWF-METALS-031	MWF-METALS-032	MWF-METALS-033	MWF-METALS-034	MWF-METALS-035
	Sample Date:	6/16/2016	6/16/2016	6/17/2016	6/18/2016	6/18/2016	6/20/2016	6/19/2016	6/19/2016
	Laboratory Job Number:	82565	82565	82565	82565	82565	82717	82565	82565
	Adult / Child / Duplicate:								
	Units								
Hydrogen Cyanide / NIOSH-6010	mg/m ³								
Metals / NIOSH-7303(M)									
Aluminum	µg/m ³	1.22	0.643	1.33	0.804 *	0.468 *	ND<0.25	0.649	0.539
Antimony	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Arsenic	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Barium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Beryllium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Cadmium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Calcium	µg/m ³	7.87 *	*	1.53	0.853 *	0.445 *	2.43	1.76 *	1.02 *
Chromium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	0.445 *	ND<0.25	0.405	ND<0.25 *	ND<0.25 *
Cobalt	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Copper	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Iron	µg/m ³	1.50 J	6 J	1.53	0.853 *	0.445 *	0.899	ND<0.25	ND<0.25
Lead	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Magnesium	µg/m ³	7.91	4	5	2.62	0.468 *	1.03	0.760	0.690
Manganese	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Molybdenum	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Nickel	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Potassium	µg/m ³	ND<0.25	ND<0.25	1.07	ND<0.25	1.38	ND<0.25	ND<0.25	ND<0.25
Selenium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Sodium	µg/m ³	3.80	3.71	4.20 *	2.35 *	1.93 *	3.20	2.02	1.86
Thallium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Vanadium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Zinc	µg/m ³	0.295	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25

Notes:
Bold results indicate detected compounds.
Highlighted results exceed applicable limits if
ND<X = constituents(s) not detected at or ab
* = concentration amended based on contamir
J = analyte was detected. However, analyte co
mg/m³ = milligram per cubic meter
µg/m³ = microgram per cubic meter

Table 2
Draft Outdoor Air Analytical Results
Fruitland Magnesium Fire
Maywood, Los Angeles County, California

Parameters	Home:	Ex. 6 - Personal Privacy							
	Field Sample ID:	MWF-METALS-036	MWF-METALS-037	MWF-METALS-038	MWF-METALS-043	MWF-METALS-046	MWF-METALS-047	MWF-METALS-068	MWF-METALS-069
	Sample Date:	6/20/2016	6/20/2016	6/20/2016	6/20/2016	6/22/2016	6/22/2016	6/23/2016	6/23/2016
	Laboratory Job Number:	82717	82717	82717	82717	82731	82731	82746	82746
	Adult / Child / Duplicate:								
	Units								
Hydrogen Cyanide / NIOSH-6010	mg/m ³								
Metals / NIOSH-7303(M)									
Aluminum	µg/m ³	ND<0.25	ND<0.25	0.347	ND<0.25	ND<0.25	0.303	0.334	0.497
Antimony	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Arsenic	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Barium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Beryllium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Cadmium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Calcium	µg/m ³	2.43	8	1	1.42	1	5.44 *	1.14 *	1.43 *
Chromium	µg/m ³	0.395	0.32	0.46	0.304	ND<0.25	ND<0.25 *	D<0.25	ND<0.25
Cobalt	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	D<0.25	D<0.25	ND<0.25
Copper	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	D<0.25	ND<0.25
Iron	µg/m ³	ND<0.25	51	ND<0.25	ND<0.25	ND<0.25	0.480	D<0.25	ND<0.25
Lead	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	D<0.25	ND<0.25
Magnesium	µg/m ³	0.849	0.42	0.71	0.792	0	0.764	0.467	0.626
Manganese	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	D<0.25	ND<0.25
Molybdenum	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	D<0.25	ND<0.25
Nickel	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Potassium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	1.29	1.52	ND<0.25	ND<0.25
Selenium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Sodium	µg/m ³	0.923	1.36	2.85	2.80	0.301	2.80	1.91	2.20
Thallium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Vanadium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Zinc	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	0.364	ND<0.25	ND<0.25

Notes:
Bold results indicate detected compounds.
Highlighted results exceed applicable limits if
ND<X = constituents(s) not detected at or ab
* = concentration amended based on contamin
J = analyte was detected. However, analyte co
mg/m³ = milligram per cubic meter
µg/m³ = microgram per cubic meter

Table 2
Draft Outdoor Air Analytical Results
Fruitland Magnesium Fire
Maywood, Los Angeles County, California

Parameters	Home:	Ex. 6 - Personal Privacy							
	Field Sample ID:	MWF-METALS-107	MWF-METALS-108	MWF-METALS-120	MWF-METALS-121	MWF-METALS-146	MWF-METALS-147	MWF-METALS-148	MWF-METALS-149
	Sample Date:	6/24/2016	6/24/2016	6/25/2016	6/25/2016	6/26/2016	6/26/2016	6/27/2016	6/27/2016
	Laboratory Job Number:	82851	82851	82856	82856	82856	82856	82873	82873
	Adult / Child / Duplicate:								
	Units								
Hydrogen Cyanide / NIOSH-6010	mg/m ³								
Metals / NIOSH-7303(M)									
Aluminum	µg/m ³	0.298 *	0.405 *	ND<0.25	ND<0.25	ND<0.25	ND<0.25	0.427 *	0.328 *
Antimony	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Arsenic	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Barium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Beryllium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Cadmium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Calcium	µg/m ³	1.13 *			0.585 *		8.61	2.64 *	1.27 *
Chromium	µg/m ³	ND<0.25 *	ND<0.25 *	ND<0.25	ND<0.25	0.270	0.407		ND<0.25
Cobalt	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Copper	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Iron	µg/m ³	ND<0.25	J	0.444		ND<0.25	ND<0.25	1.16	0.940
Lead	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Magnesium	µg/m ³	0.473 *	*		0.574	0.910	0.650 *	0.568 *	
Manganese	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Molybdenum	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Nickel	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Potassium	µg/m ³	ND<0.25	ND<0.25 *	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Selenium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Sodium	µg/m ³	2.80	2.49	1.32	3.20	5.20	1.52	0.517 *	ND<0.25 *
Thallium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Vanadium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Zinc	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25

Notes:
Bold results indicate detected compounds.
Highlighted results exceed applicable limits &
ND<X = constituents(s) not detected at or ab
* = concentration amended based on contamir
J = analyte was detected. However, analyte co
mg/m³ = milligram per cubic meter
µg/m³ = microgram per cubic meter

Table 2
Draft Outdoor Air Analytical Results
Fruitland Magnesium Fire
Maywood, Los Angeles County, California

	Home:	Ex. 6 - Personal Privacy			
	Field Sample ID:	MWF-METALS-200	MWF-METALS-201	MWF-METALS-207	MWF-METALS-208
	Sample Date:	6/27/2016	6/27/2016	6/30/2016	6/30/2016
	Laboratory Job Number:	82873	82873	82950	82950
	Adult / Child / Duplicate:				
Parameters	Units				
Hydrogen Cyanide / NIOSH-6010	mg/m ³				
Metals / NIOSH-7303(M)					
Aluminum	µg/m ³	ND<0.25 *	ND<0.25 *	0.349	0.418
Antimony	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Arsenic	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Beryllium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Bismuth	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Cadmium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Calcium	µg/m ³	ND<0.25	0.939 *		3.45
Chromium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Cobalt	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Copper	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Iron	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Lead	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Manganese	µg/m ³	1.5 *	0.353 *		1.21
Mercury	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Molybdenum	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Nickel	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Potassium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Selenium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Sodium	µg/m ³	1.26 *	1.03 *	6.90	7.00
Thallium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Vanadium	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Zinc	µg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25

Notes:
Bold results indicate detected compounds.
Highlighted results exceed applicable limits if
ND<X = constituents(s) not detected at or above
* = concentration amended based on contaminant
J = analyte was detected. However, analyte concentration
mg/m³ = milligram per cubic meter
µg/m³ = microgram per cubic meter